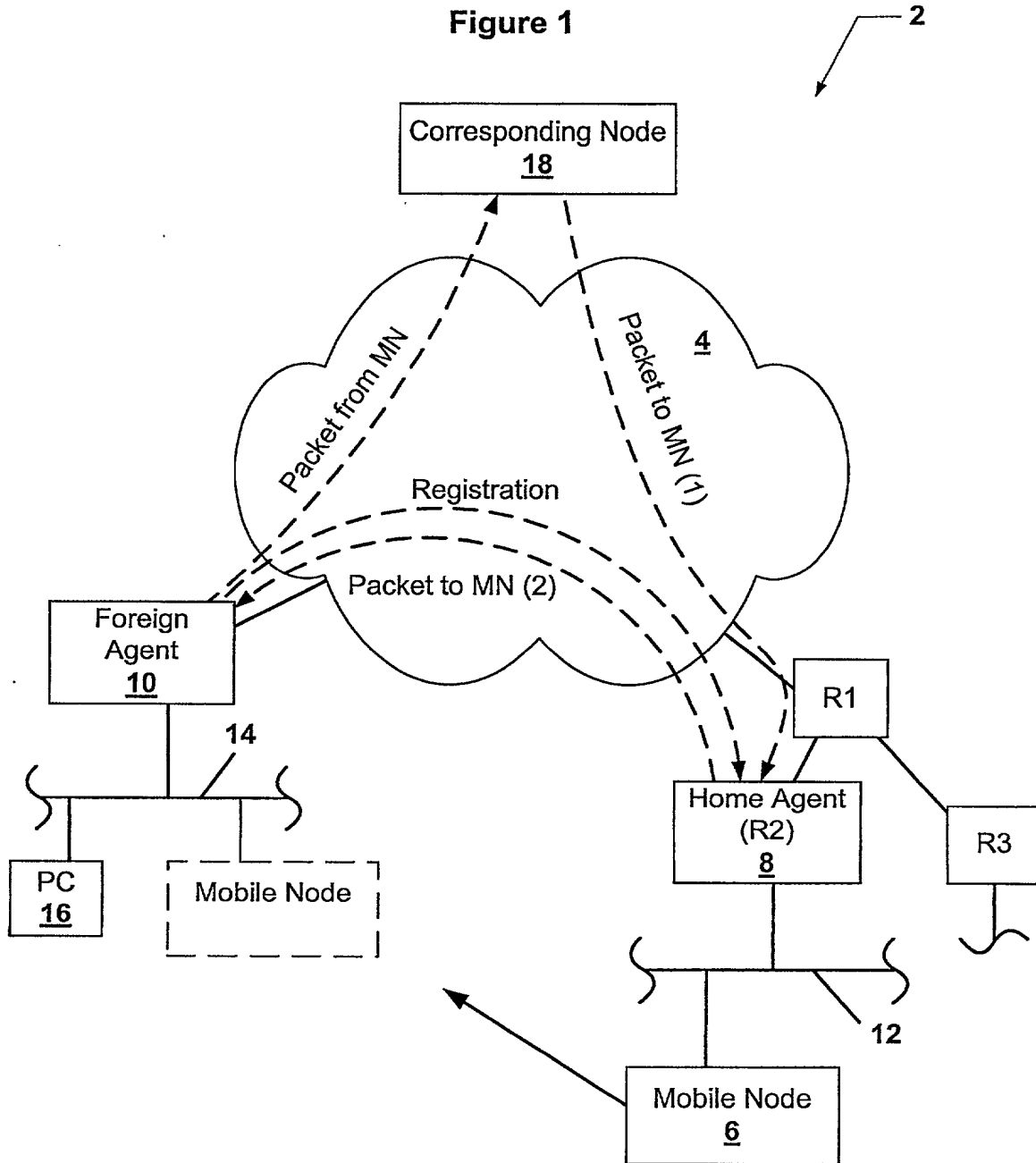


Figure 1



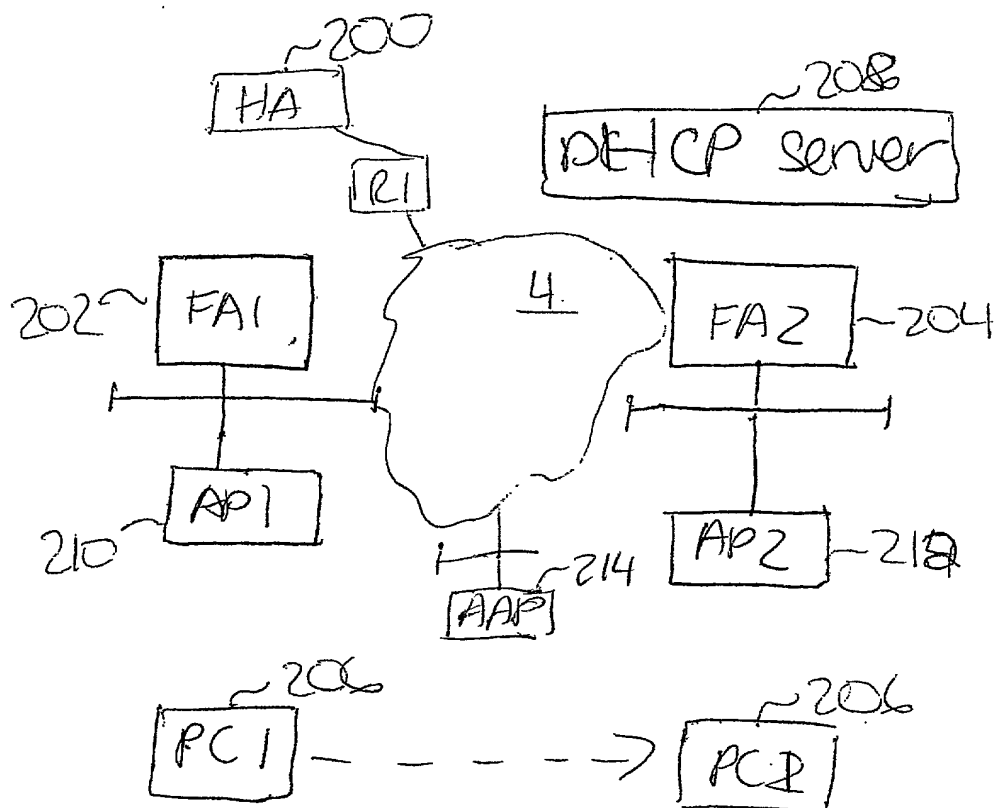


FIG. 2

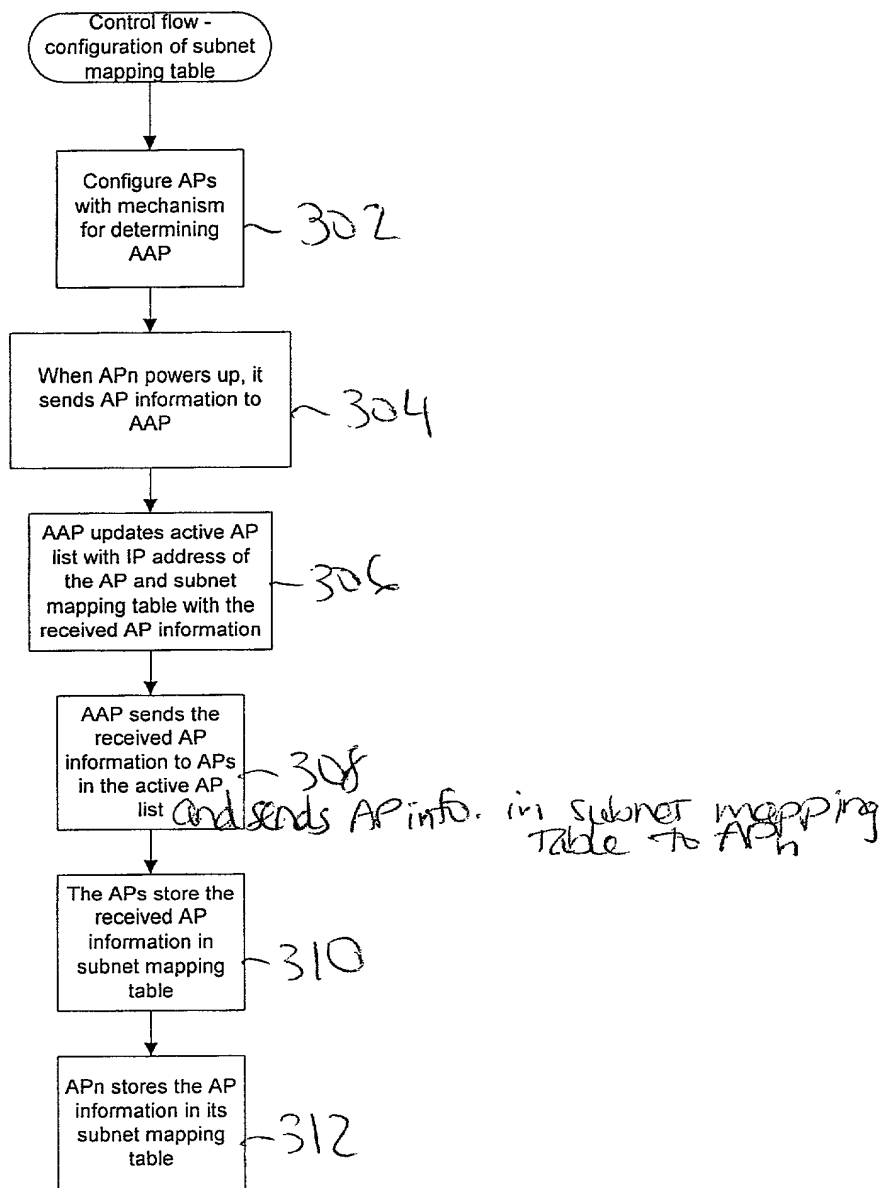
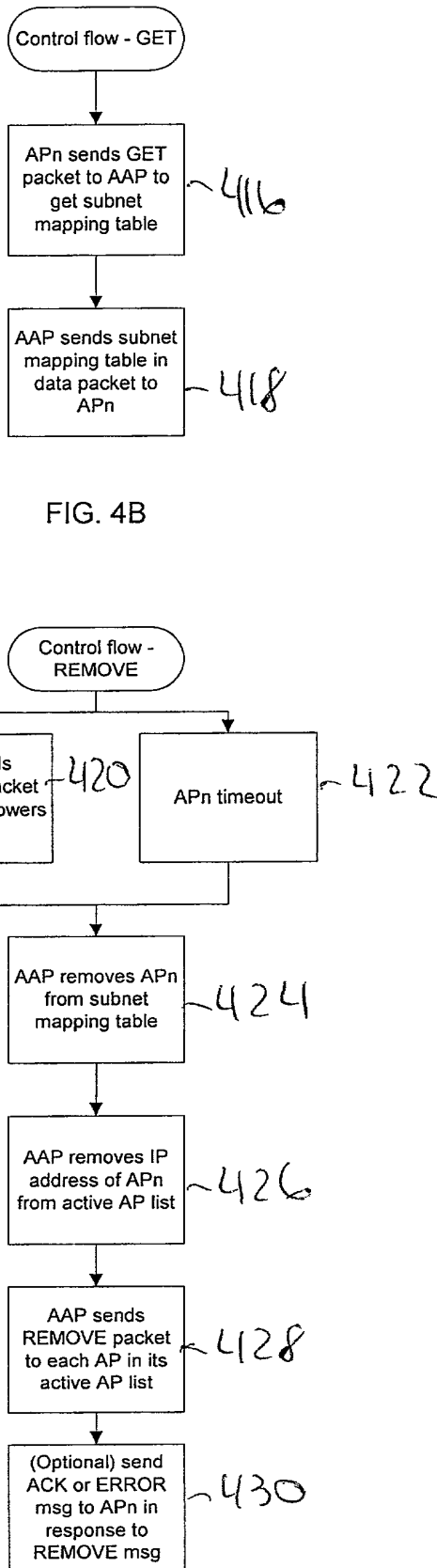
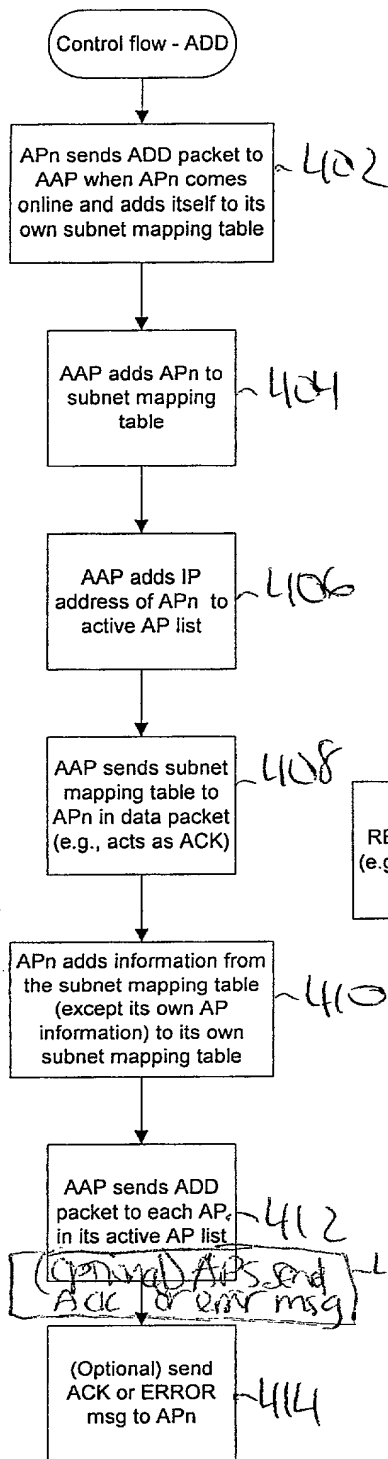


FIG. 3



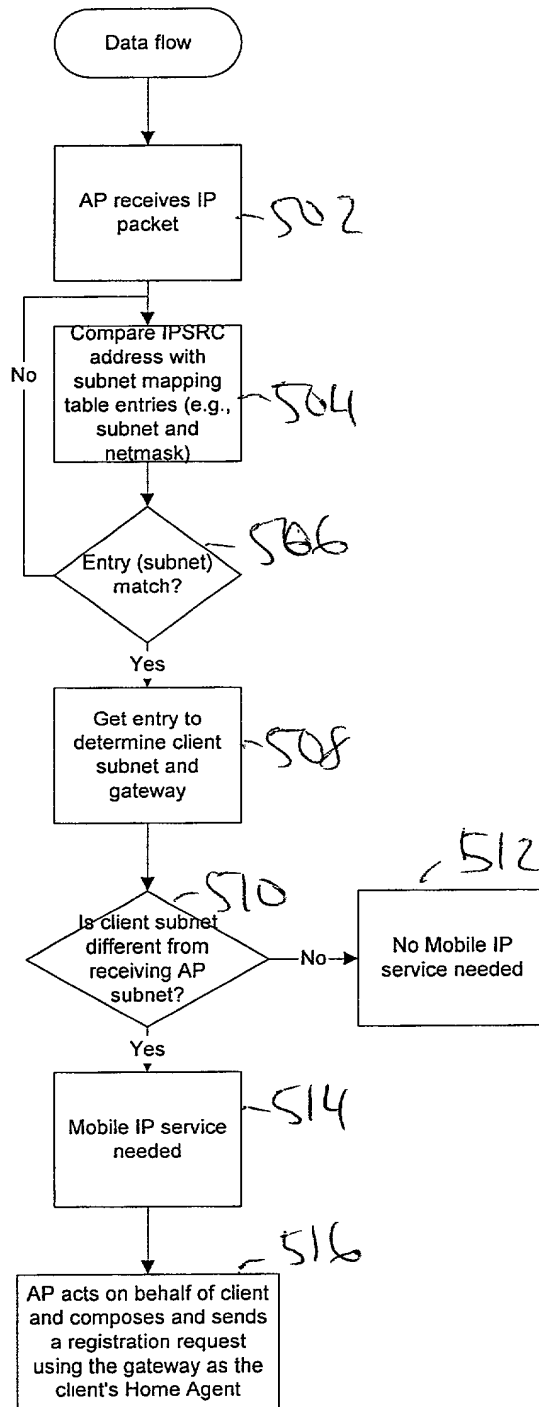


FIG. 5

Subnet mapping table

602

604 606 608 610

Subnet	netmask	gateway	AP IP address

FIG. 6

Active AP list 702

704

AP1 IP address
AP2 IP address
APN IP address

FIG. 7

changed AP. This AAP will send to all the APs the new entry using the ADD packet.

2.5.5 Packet Format

Unicast UDP will be the mechanism of choice for this. TLVs will be used within these packets for data. Right now there will only be one Type but this method allows for different uses of this packet format in the future.

T (16 bit)	L (16 bit)	AP Addr (32 bit)	Net Mask (32 bit)	GW Addr (32 bit)
812	814	816	818	820

← 810

The Type is

1 - Subnet Map Information

The ADD packet

Opcode = 1	Reserved	Total Length
802	804	806
Transaction ID 808		
TLVs 810		

← 800

FIG. 8

The REMOVE packet

Opcode = 2	Reserved	Total Length
902	904	906
Transaction ID 908		
TLVs 810		

← 900

FIG. 9

The GET requests packet.

Opcode = 3	Reserved	Total Length
1002	1004	1006
Transaction ID 1008		

← 1000

FIG. 10

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1100
↙

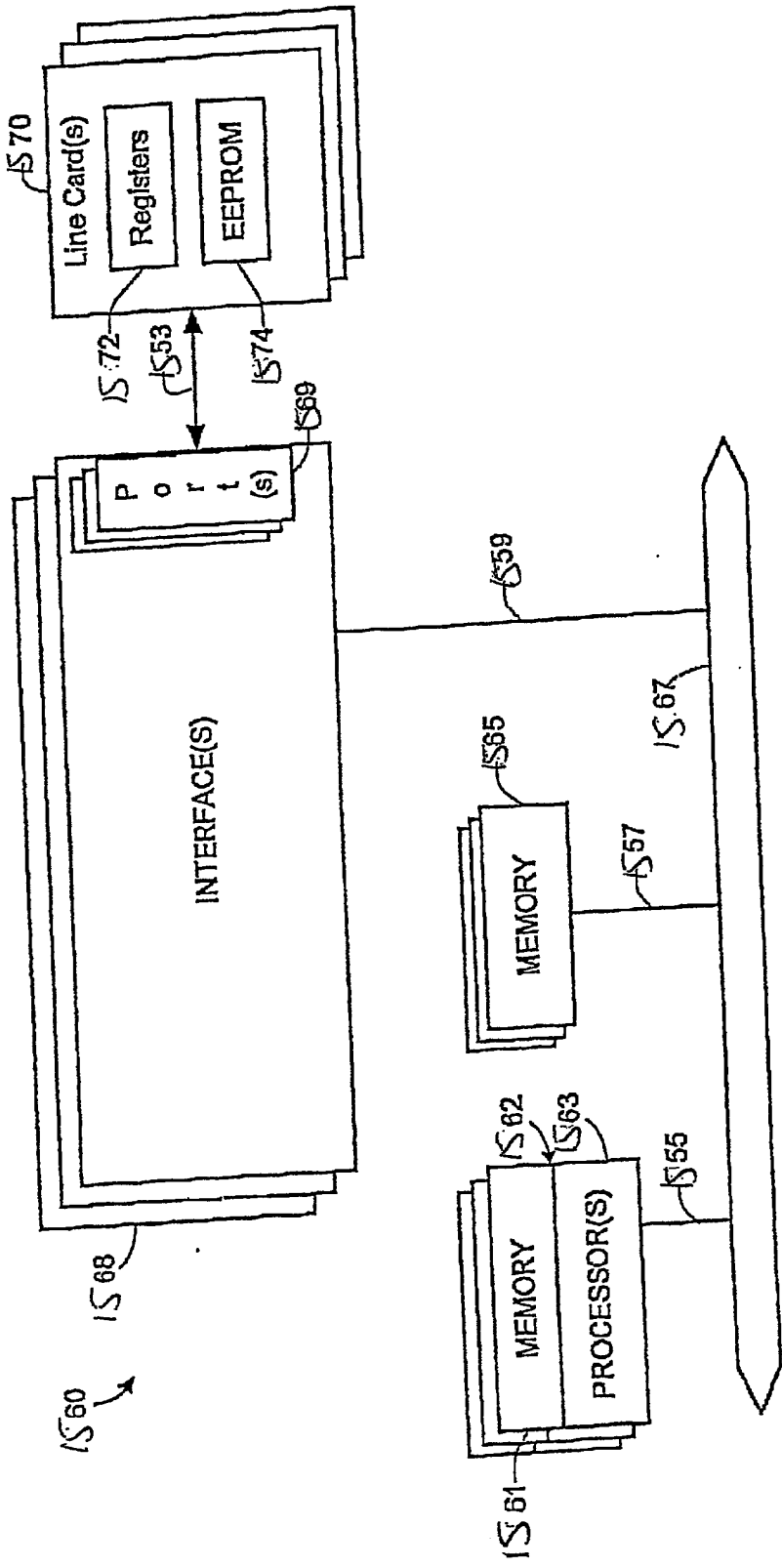
FIG. 11

1200

FIG. 12

✓ 1300

FIG. 13



14
Figure 14